

Date: Sun, 28 Nov 93 04:30:21 PST  
From: Ham-Equip Mailing List and Newsgroup <ham-equip@ucsd.edu>  
Errors-To: Ham-Equip-Errors@UCSD.Edu  
Reply-To: Ham-Equip@UCSD.Edu  
Precedence: Bulk  
Subject: Ham-Equip Digest V93 #115  
To: Ham-Equip

Ham-Equip Digest                      Sun, 28 Nov 93                      Volume 93 : Issue 115

Today's Topics:

        APT interface for PC  
        Dead BP85 wanted  
                for sale  
        handhelds at hi school  
        icom 2SAT internal battery  
        icoms on construction job  
        Indestructable HTs?  
        Need schematic/manual for Icom IC-22A  
                santec st 20 t  
        SSB VHF/UHF portable equipment info needed??  
        Yaesu and Tentec debate-> Thanks for help

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>  
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.  
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Date: Thu, 25 Nov 1993 09:52:06 GMT  
From: Germany.EU.net!thoth.mch.sni.de!news.sni.de!kassel!nessos!schro@uunet.uu.net  
Subject: APT interface for PC  
To: ham-equip@ucsd.edu

In <753915202snx@bsdihi.atr.bso.nl> dihi@bsdihi.atr.bso.nl (Dick Hissink) writes:

>Try using the beautifull JVFX software (shareware). It is capable of  
>receiving all kinds of FAX and SSTV modes. I build my interface around  
>an 741 chip for less than \$1 !!!!.  
>I am able to receive all kind of nice WX pictures, and even send and  
>receive color SSTV!!

>The JVFAX software is written by DK7JV, and is downloadable from a  
|  
You're close :- ) It's DK8JV

>lot of BBS'es.  
>Have fun!  
>  
>Dick Hissink PA3DSP  
>Email:dihi@bsdihi.atr.bso.nl

73 Django  
DL5YEC

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Date: 27 Nov 93 21:30:04 GMT  
From: world!bennettj@uunet.uu.net  
Subject: Dead BP85 wanted  
To: ham-equip@ucsd.edu

I have two ICOM BP85 12V rechargeable batteries with broken connectors  
but good cells. Actually they are clones from "Batteries R Us" or  
W&W Associates. If you have a good case but dead cells I would  
like to buy it from you.

--  
John Bennett, P.E. 617-275-1356, Fax: 617-271-0605. KD1CO

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Date: Thu, 25 Nov 1993 11:50:34 GMT  
From: paperboy.ids.net!anomaly.sbs.com!chowda!dobbs.boomer@uunet.uu.net  
Subject: for sale  
To: ham-equip@ucsd.edu

for sale

1...Ten Tec Triton 1 transceiver  
wt pwr supply 10 - 80 meters  
modified for 80 w on 80 \$200  
100 w on 40  
80 w on 20  
and so on

1...Heathkit SA2060 Deluxe Antenna Tuner  
1.8 through 30 mhz  
2000 watts peak on ssb \$150  
1000 watts on cw

1...Eico 720 cw transmitter \$75

phone 401 728-3372

---WA1RNC---31 WILLARD ST---PAWTUCKET, RI---02861---

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Date: 26 Nov 93 19:05:37 GMT  
From: ogicse!emory!gatech!howland.reston.ans.net!agate!iat.holonet.net!  
pubcon.fort-worth.tx@network.ucsd.edu  
Subject: handhelds at hi school  
To: ham-equip@ucsd.edu

radio shack also sells radios for use in the gmrs service, ie vhf mobile uses. they can be used by anyone that will least them repeater space or they can apply for a specific frequency if it isnt being used, or use in interant frequency <low power in between standard channels> if okayed by fcc. dont blame radio shack for its unwillingness to police the radio bands when they are within their rights to sell the radios. if you had a handheld you wanted to sell and someone offered you a thousand dollars, i dont think i would ask to see a license as long as the buyer was made aware what the requirements were to use the radio. its a big bad business world out there, anyone wanna buy my frequency for 1000 dollars? <g>. 73 wb5kxw

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Date: Mon, 22 Nov 1993 00:23:23 GMT  
From: dog.ee.lbl.gov!agate!howland.reston.ans.net!vixen.cso.uiuc.edu!  
newsrelay.iastate.edu!news.iastate.edu!sknapp@network.ucsd.edu  
Subject: icom 2SAT internal battery  
To: ham-equip@ucsd.edu

In article <2clv2l\$mej@char.vnet.net> jwaldrep@char.vnet.net (Jim Waldrep) writes:  
>Is the internal battery in the Icom IC-2SAT user replacable or must it be  
>done by a factory repair center? If it can be done by me, where can I get  
>one? I apparently ruined this one running it on the cigarette lighter in  
>my car. How can I run external power and not destroy the "charge memory"  
>of the internal battery" Any help greatly appreciated.

It is pretty much user replaceable. Open the radio as if you were going to install a UT-49/50/51 (RTFM) and the battery will be at the bottom, it unplugs from a wire.

Try calling one of the battery shops in the back of QST of a replacment.

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Steven M. Knapp  
sknapp@iastate.edu  
Iowa State University; Ames, IA; USA

Computer Engineering Senior  
Vice President Cyclone Amateur Radio Club  
Durham Center Operations Staff

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Date: Thu, 25 Nov 1993 01:52:32 GMT  
From: ucsnews!sol.ctr.columbia.edu!howland.reston.ans.net!agate!iat.holonet.net!  
pubcon.fort-worth.tx@network.ucsd.edu  
Subject: icoms on construction job  
To: ham-equip@ucsd.edu

did you check out which band the icoms were transmitting in? icom makes  
radios that are type accepted for business use, marine use, aviation,  
etc. not just ham. fyi 73. wb5kxw

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Date: Thu, 25 Nov 1993 14:08:54 GMT  
From: ucsnews!sol.ctr.columbia.edu!howland.reston.ans.net!torn!nott!cunews!  
freenet.carleton.ca!Freenet.carleton.ca!ae517@network.ucsd.edu  
Subject: Indestructable HTs?  
To: ham-equip@ucsd.edu

In a previous article, burke\_br@adcae1.comm.mot.com (WB4YUC) says:

>  
>There is such an HT, but you probably can't afford it.  
>  
>It would be Motorola's Ruggedized Saber line.  
>  
>Probably about \$3000.00 or so.....  
>  
>BTW - Most of the Motorola HT's will survive about everything you described  
>with the exception of submersion.

Radio System Inc. in Florida makes the PRC-60, which is xtal controlled,  
and another PR-??, which is 99 channels synthesized. It is, IMHO, tougher  
than the Sabre, and submersible to boot. From what I've heard, it can be  
used to chip off ice accretion from the deck of a ship, as well as using  
it to subdue unruly "perps". :-) Hate the handmike, though! It's  
downright shoddy compared to the transceiver.

It might be half the price of the Sabre if you buy directly from RSI.

73 de ve3uav/aa8lu

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Date: 27 Nov 93 15:42:51 GMT  
From: ogicse!uwm.edu!spool.mu.edu!agate!iat.holonet.net!vulcan!  
n4nr@network.ucsd.edu  
Subject: Need schematic/manual for Icom IC-22A  
To: ham-equip@ucsd.edu

> I am trying to get a copy of the schematic and instruction/service manual  
> for the Icom IC-22A. I need to know the stock wiring of the accessory  
> jack on the back of the radio. Thanks.  
>

The original schematic for the IC22A shows only two connections to the  
J-2 accessory jack...Pin 1 = discriminator, Pin 8 = Ground...with a .01  
capacitor across pin 1 to 8.....Thats all!

73 de Dennis Dease - N4NR

Internet: n4nr@vulcan.com  
n4nr@amsat.org  
Packet: n4nr@kd4cim.al.usa.na

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Date: Thu, 25 Nov 1993 02:12:14 GMT  
From: ucsnews!sol.ctr.columbia.edu!howland.reston.ans.net!usenet.ins.cwru.edu!  
agate!iat.holonet.net!pubcon.fort-worth.tx@network.ucsd.edu  
Subject: santec st 20 t  
To: ham-equip@ucsd.edu

has anyone a service manual for this ht? its supposed to be a clone of

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Date: 28 Nov 93 04:01:10 GMT  
From: gsm001!gsm001.mendelson.com!gsmlrn@uunet.uu.net  
Subject: SSB VHF/UHF portable equipment info needed??  
To: ham-equip@ucsd.edu

In article <1993Nov23.185148.12424@news.uiowa.edu>  
mau@herky.cs.uiowa.edu (Napoleon Mau) writes:

>I am looking for info on SSB VHF/UHF equipment that can be used  
>for portable operation.  
>Any info will be wellcomed.

Although in the past several companies made ht's and ht like units that had fm and ssb, as far as I know the only current production models are the Yaesu "mark II" series. There is one for 2m (the 290r mark II) one for 430/440 and one for 6 meters.

The units are fairly nice except that the ctcss board is on the bottom of the main unit and it needs to be exposed to change frequencies. :-(

The radios consist of a portable main unit with a clip on linear amp. If you remove the linear and clip on the optional battery pack, you have a 2.5 watt portable. The linears give you 25 watts on 2m and 10 on 6m/440.

If the battery pack is on, the antenna gets connected to a bnc on the top/front, if the linear is in place there is an so-239 on the back. The unit includes a car bracket for use with the linear.

The 2m unit uses less than 4 amps at full power (25w fm) IMHO thats pretty good.

I have had excelent results with my 290r mk II, and recommend it highly.

73,

Geoff

--

I used to talk to myself..... Now that I am a ham, I send code to myself:

.... --- .-.- - ... .. --- .-.- .-.- .. .... .-.- .. .-. -.. .-.-.-

Geoffrey S. Mendelson N3OWJ (215) 242-8712 gsm@mendelson.com

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Date: 27 Nov 1993 11:29:34 -0800

From: swrinde!cs.utexas.edu!uwm.edu!spool.mu.edu!olivea!apple.com!apple.com!not-for-mail@network.ucsd.edu

Subject: Yaesu and Tentec debate-> Thanks for help

To: ham-equip@ucsd.edu

auchd@acad2.alaska.edu writes:

>Thanks for all the wonderfull feedback on the Scout 555 and the Yaesu 747GX. I  
>decided to wait before making a decision. Instead I bought a 10 meter mobile  
>rig at \$200.00 (Uniden HR2600). As soon as I upgrade my license, then I'll  
>jump back in the "classic conflict." Food for thought: 73 magazine reviewer  
>said the Yaesu had muddy audio.....

Interesting. The most muddy audio I've ever had was from an Icom R71A, even on headphones. I have a Ten-Tec Omni V and a Yaesu FT-990, both with their external speakers, and, on phone, the Omni has a more pronounced muffled audio than the Yaesu. But, boy, the Omni is \_so\_ sweet in CW.

73,

Kok Chen, AA6TY kchen@apple.com  
Apple Computer, Inc.

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Date: Thu, 25 Nov 1993 03:08:52 GMT  
From: munnari.oz.au!sgiblab!spool.mu.edu!caen!usenet.coe.montana.edu!  
grapevine.lcs.mit.edu!lynx!j.perry@network.ucsd.edu  
To: ham-equip@ucsd.edu

References <2cr82m\$etu@oak.oakland.edu>,  
<gtaylor.264.754008090@taex003n.tamu.edu>,  
<1993Nov24.031507.11613@mixcom.mixcom.com>y  
Subject : Re: Best 2m handheld?

I too am considering purchasing an HT. My requirements are different though and more demanding.

I would like to have the following  
Dual Band 2m/440 with enough extended range for satellite

The misc features that make a good HT for walking around and use in a car with an amplifier.

Any additional useful whistles and bells that don't add significantly to the price.

What would you people recommend?

Please respond via email and I can summarize if needed.  
j.perry@lynx.dac.neu.edu

Thanks again!

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End of Ham-Equip Digest V93 #115

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